

ABSTRACT OF THE DISCLOSURE

A process for the production of molded bodies from completely decomposable, biodegradable material with a barrier layer, especially for packaging is disclosed. The biodegradable material uses a viscous mass which contains biodegradable fiber material, water, and starch and is baked in a baking mold so as to form a fiber material-starch composite. A mixture of long and short fibers or fiber bundles with a fiber length or fiber bundle length in the range of 0.5 mm to 50 mm as fiber material. The molded body is produced by impregnation with a biodegradable, hydrophobic boundary layer. The boundary layer is formed from cellulose acetate and/or cellulose acetate propionate without softeners. A molded body produced from the process is also disclosed.